FIG.1

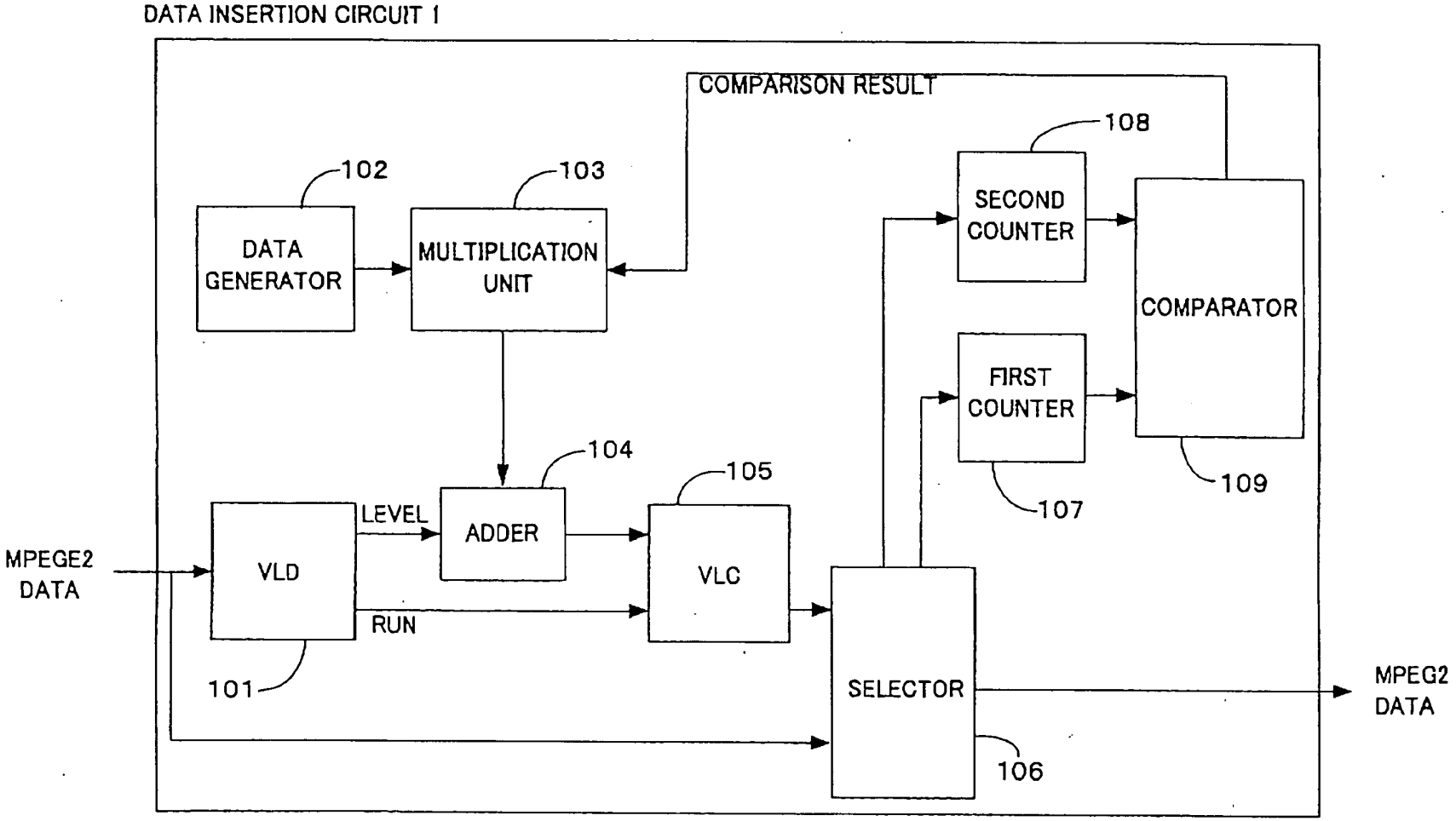
DATA INSERTION CIRCUIT 1
COMPARISON RESULT
102
103
108
DATA GENERATOR
MULTIPLICATION UNIT
SECOND COUNTER
COMPARATOR
FIRST COUNTER
104
105
109
107
MPEGE2 DATA
VLD
LEVEL
ADDER
VLC
RUN
101
SELECTOR
MPEG2 DATA
106

FIG.2

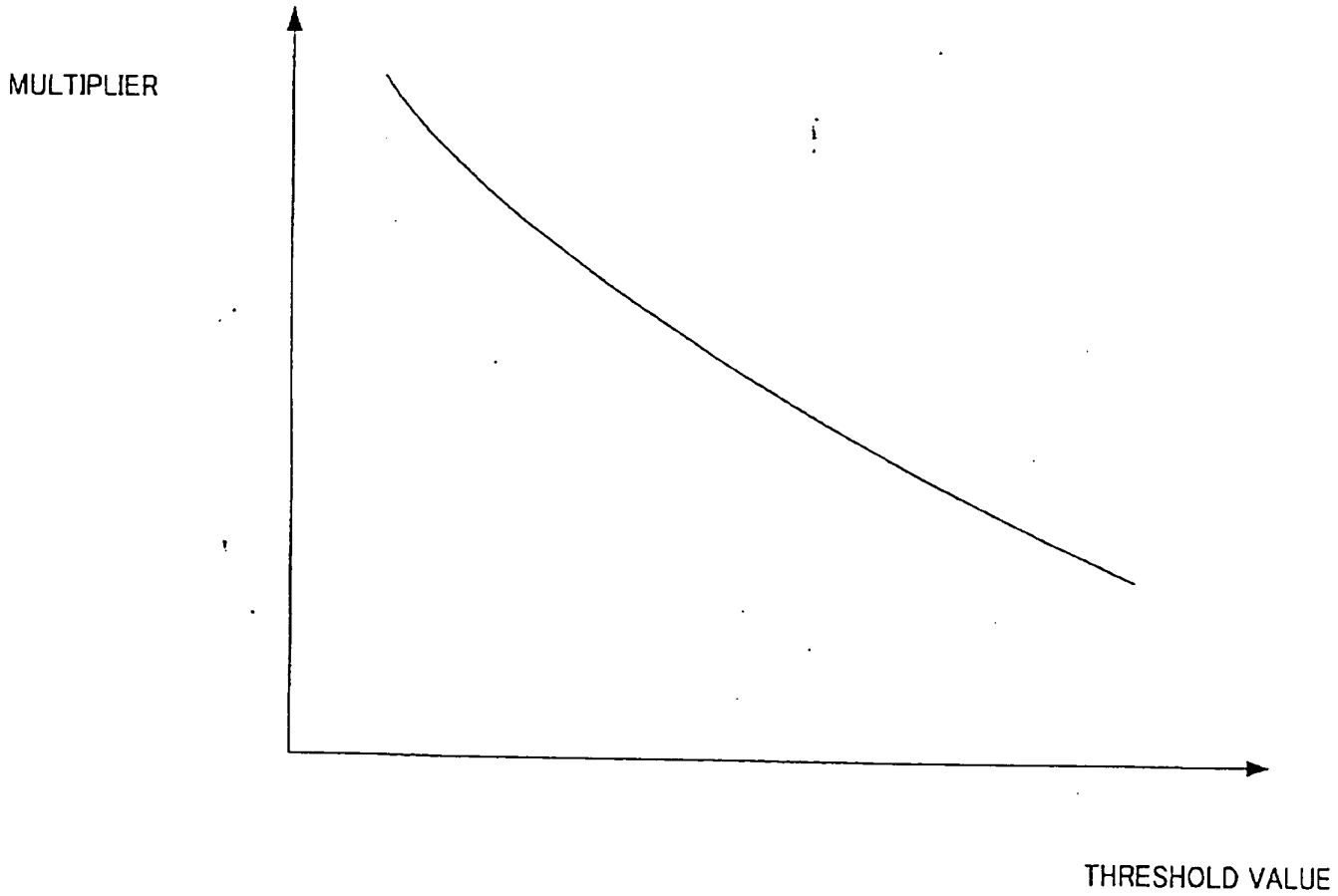

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FIG.3

FRAME NUMBER	N	N+1	N+2	N+3	.....
MULTIPLIER	1	2	3	2	.....
. FIRST COUNTER	100	100	100	100	.....
SECOND COUNTER	25	30	35	30	.....
SECOND COUNTER / FIRST COUNTER (%)	25	30	35	30	.....
THRESHOLD VALUE (%)	50	40	30	40	.....

FIG.4

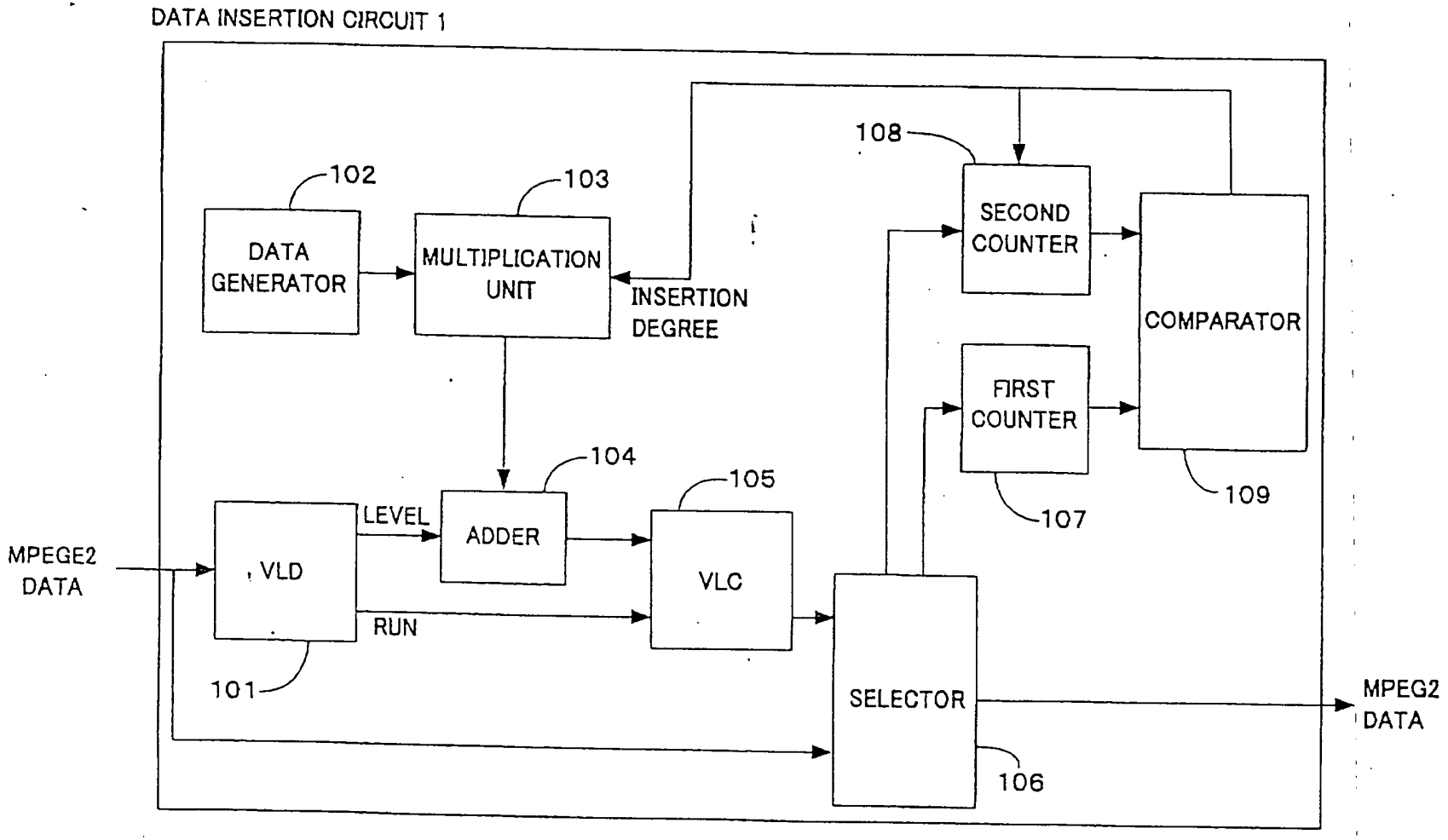
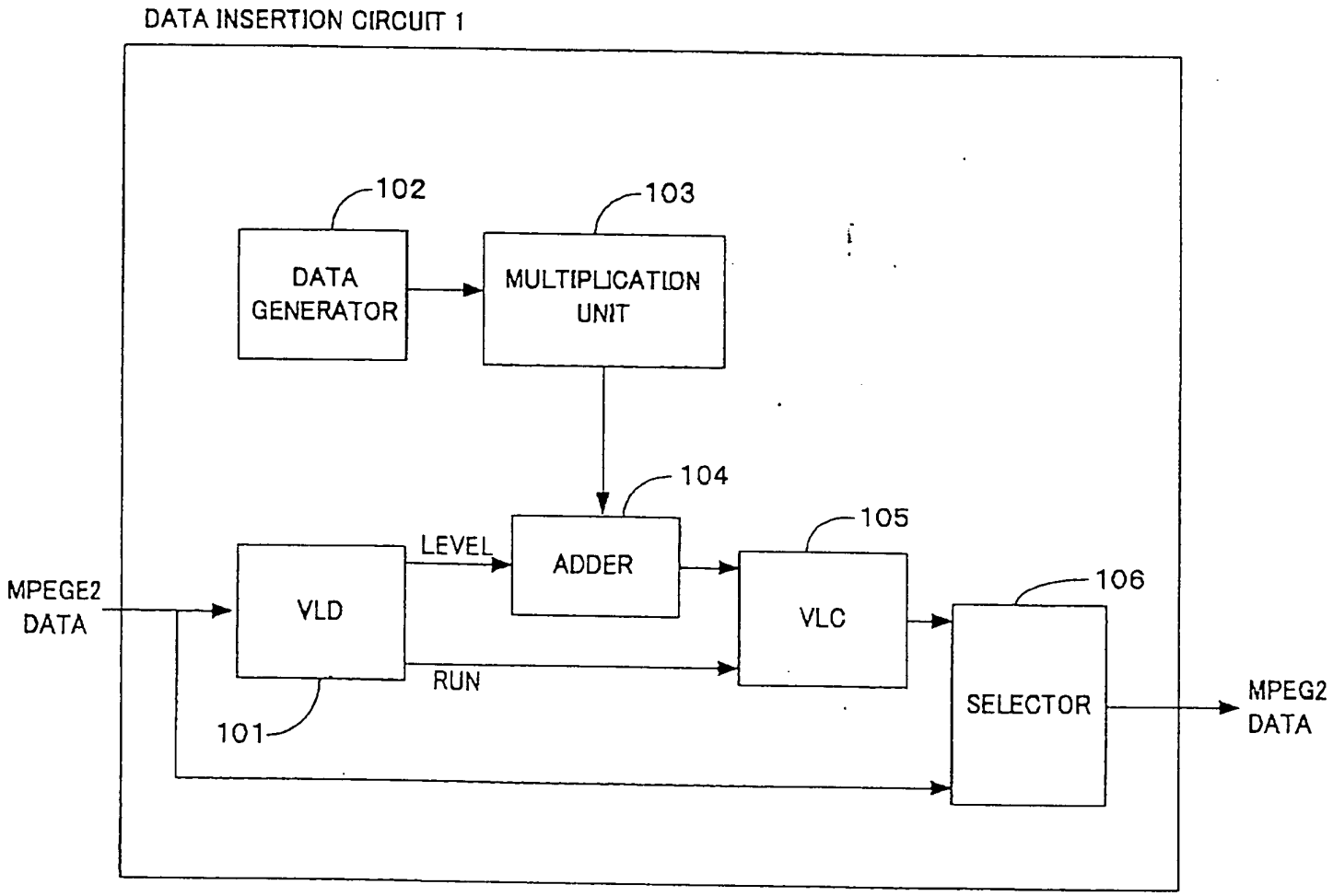

DATA INSERTION CIRCUIT 1
102
DATA GENERATOR
103
MULTIPLICATION UNIT
INSERTION DEGREE
108
SECOND COUNTER
COMPARATOR
FIRST COUNTER
109
107
104
105
LEVEL
ADDER
VLC
MPEGE2 DATA
VLD
RUN
101
SELECTOR
106
MPEG2 DATA

FIG.5

FRAME NUMBER	N	N+1	N+2	N+3	.....
INSERTION DEGREE	1	2	3	2	.....
FIRST COUNTER	100	100	100	100	.....
NUMBER OF SELECTED MPEG2 DATA TO WHICH DATA IS INSERTED	10	15	20	16	.....
SECOND COUNTER	10	30	60	32	.....
SECOND COUNTER / FIRST COUNTER (%)	10	30	60	32	.....
THRESHOLD VALUE (%)	50%	50%	50%	50%	.....

FIG.6


DATA INSERTION CIRCUIT 1
102
103
DATA GENERATOR
MULTIPLICATION UNIT
104
105
LEVEL
ADDER
MPEGE2 DATA
VLD
VLC
106
RUN
SELECTOR
MPEG2 DATA
101